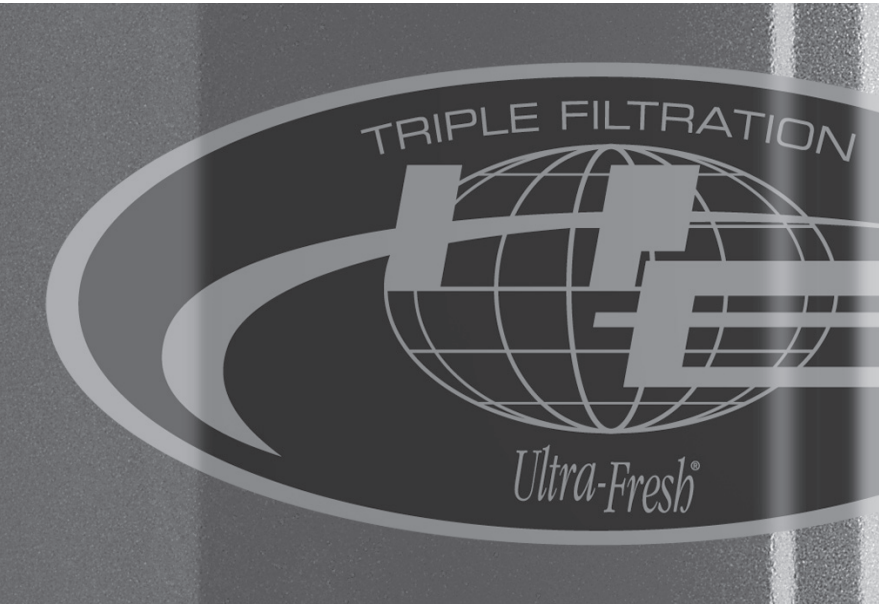
CYCLOVAC



ENGLISH

OWNER'S MANUAL

FOR HOUSEHOLD USE ONLY

Please read this document carefully before installing and/or using your vacuum cleaning system.

MODEL : _____ SERIAL NO : _____

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following.
Read all instructions before using this appliance

WARNING – To reduce the risk of fire, electric shock, or injury :

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. Do not use outdoors or on wet surfaces.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children or infirm persons. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a CycloVac service center.
6. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. Do not put any objects into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
11. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
12. Do not use without dust bag and/or filters in place.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
16. Connect to a properly grounded outlet only. See Grounding Instructions.

SAVE THESE INSTRUCTIONS

Table of Contents

Preface 6
Schematic – GS Series 6
Schematic – GX Series 7

INSTALLATION

Unit Installation 8
Installation Dos & Don'ts 9
Muffler Installation 12
Electric Connections 13
Grounding Instructions 14
Low Voltage Connections 15
Installing the Remote Monitor 16

OPERATING INSTRUCTIONS

Hose Hook-up & Inlets 18
Cyclo Vac Attachments 19
Speed Selection Module 21
Integrated System Monitor 22
Remote System Monitor 22
Progressive Start and Delayed Stop 23
Automatic Stop 23

MAINTENANCE

Motor 24
Electrostatic Bag 24
Carbon Dust Filter 25
Ultra-Fresh* Permanent Filter 25

TROUBLESHOOTING

General Information 26
Decrease in suction strength 27
Vacuum will not start 29
Vacuum will not stop 30

WARRANTY INFORMATION

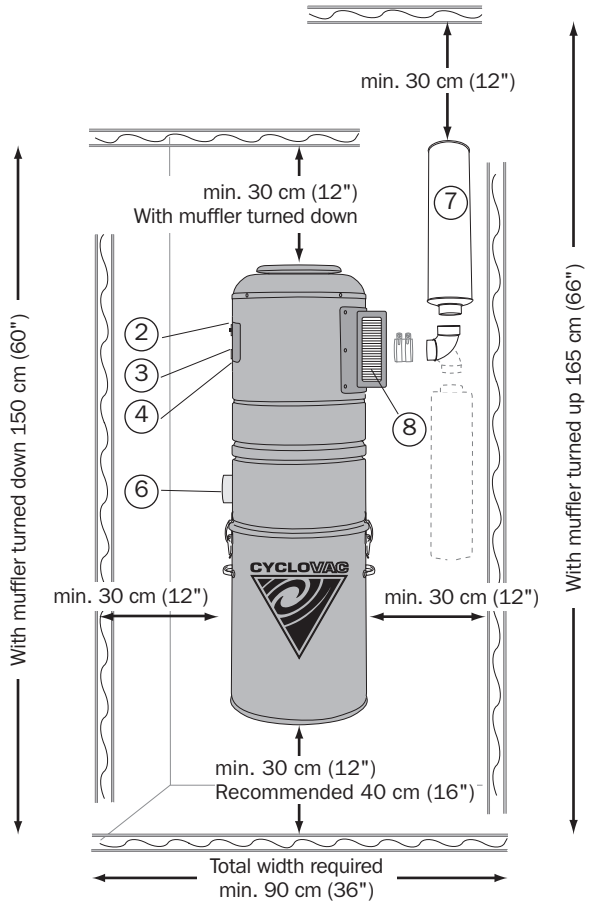
Limited Lifetime Warranty 31
One Year Satisfaction Guarantee 31
Warranty on Cyclo Vac Attachment 32

WEEE Directive 33

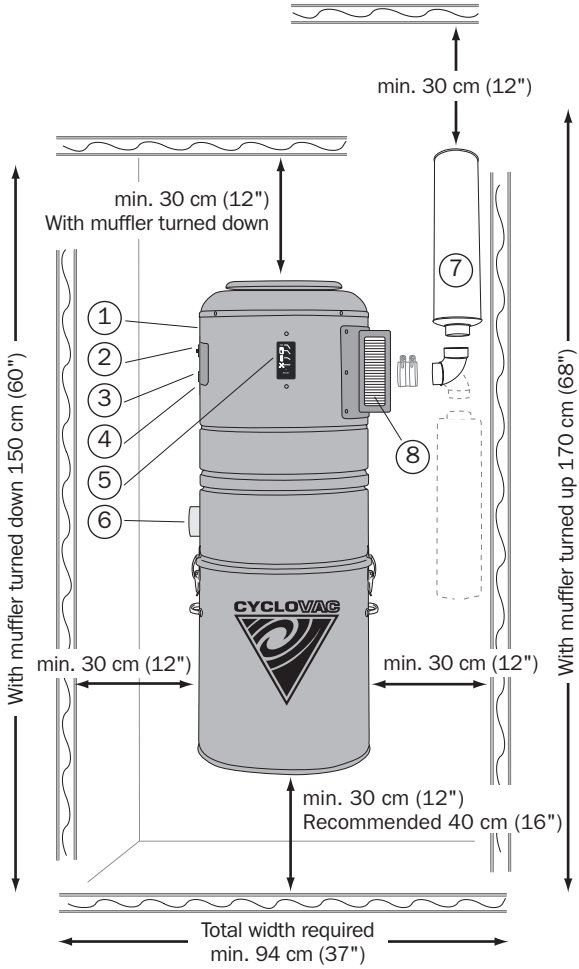
Preface

Your new CycloVac central vacuum system was designed and manufactured in Blainville, Quebec, by the largest central vacuum cleaner manufacturer in Canada. With over forty years of experience in the field, we provide a high-quality, state-of-the-art product, and guarantee your complete satisfaction. Our extensive network of qualified professionals ensures first quality service near you. Contact us for the location of the CycloVac authorized service center in your area.

Schematic – GS Series



Schematic – GX Series



1. Remote Monitor Connector (GX series only)
2. Reset
3. Low Voltage Connector
4. Serial Number
5. Integrated System Monitor (GX series only)
6. Air Intake
7. Muffler
8. Carbon Dust Filter

Unit Installation

Using the mounting plate provided with your vacuum cleaner, secure the unit to the wall **(figure 1)**, at a height allowing easy access to change the bag (see pages 6 and 7).

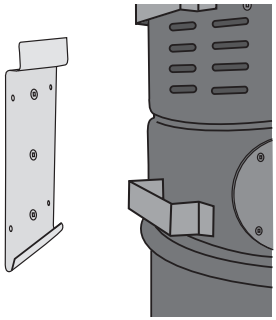


figure 1

The connections to the piping system will require some basic tools: a mitre box and small saw or a pipe cutter **(figure 2)**. See pages 9 and 10 for general instructions pertaining to the preparation of PVC pipes. To simplify matters, installation kits, including necessary fittings, pipes, glue and low voltage wiring, as well as a detailed instructions booklet, are available from Cyclo Vac service centers.

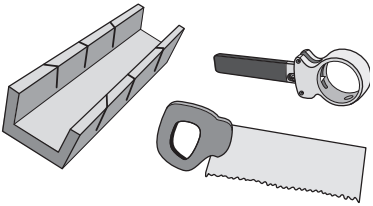


figure 2

Contrary to all other connections in the piping system, ***do not glue the last fitting to your unit.*** Cyclo Vac central vacuums are equipped with an adjustable air intake valve **(figure 3)**, which does not require glue. An air-tight fit is achieved with the screw-type adjustment on the fitting itself.

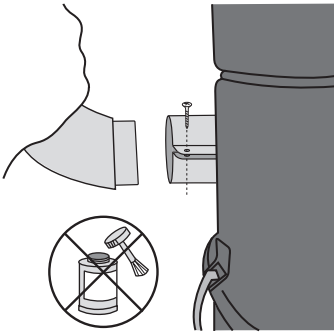
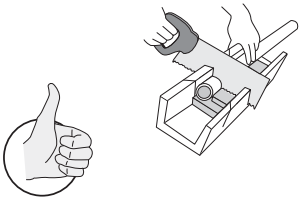
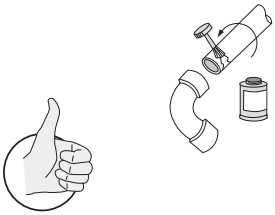
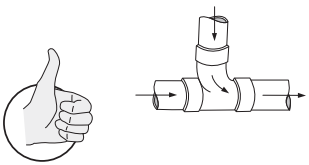


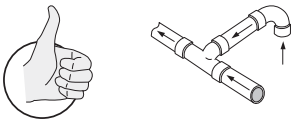
figure 3

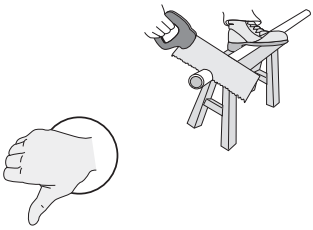
INSTALLING CONDUITS

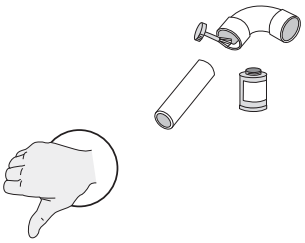


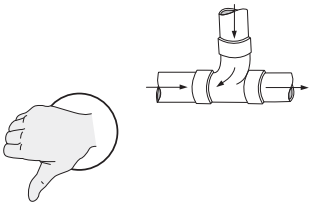


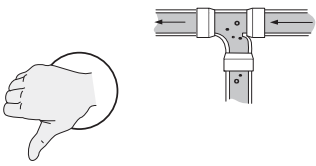




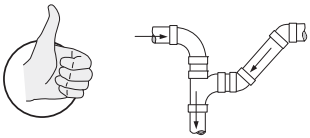


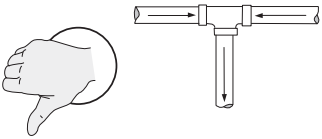


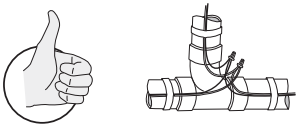


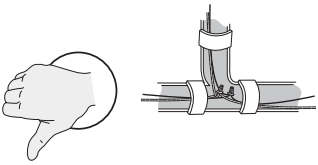


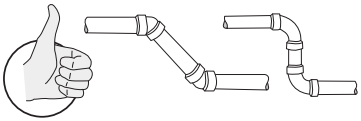
Dos & Don'ts

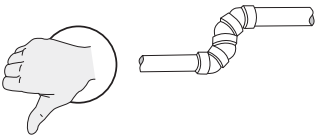


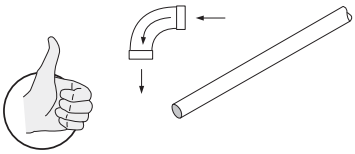


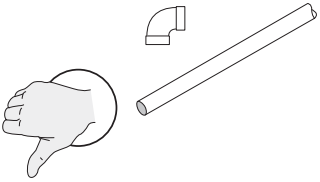






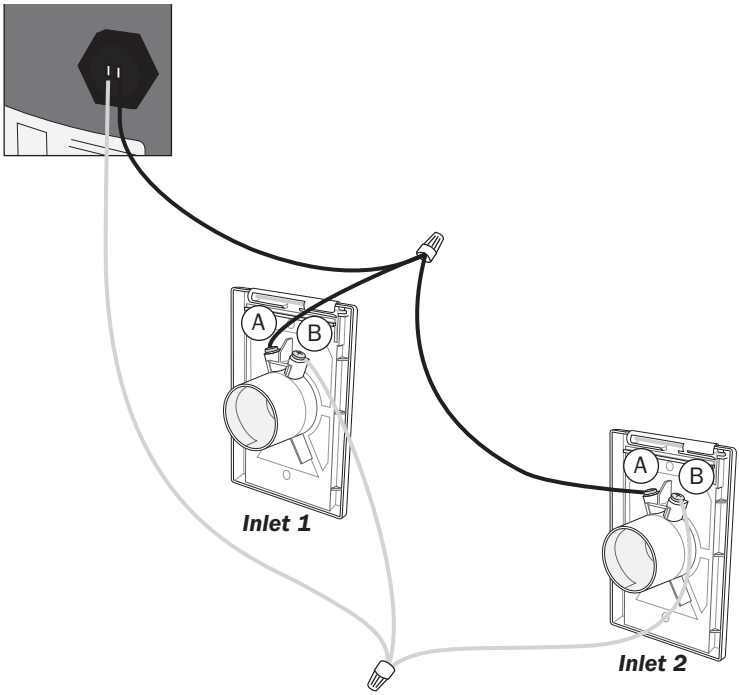






INSTALLING INLETS

When installing your vacuum inlets, we recommend that the principle of electric polarity be taken into account. Ensure that the wire connected onto contact A on inlet 1 is the same as that connected to contact A on inlet 2, and so on. Do not cross, reverse or interchange wires.



Muffler Installation

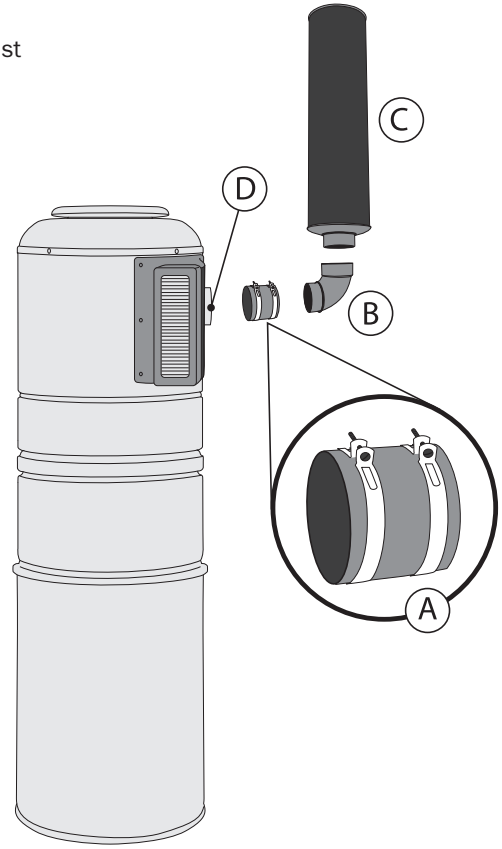
1. Insert the rubber coupling (A) on the air exhaust (D).

2. Using a Phillips (star shape) screwdriver, tighten the clamp collar on the rubber coupling to ensure adequate sealing.

3. Insert the 90° elbow (B) into the rubber coupling, and tighten the clamp collar.

4. Insert the muffler (C) on the end of the 90° elbow.

A. Rubber coupling
B. 90° elbow
C. Muffler
D. Air Exhaust



Electric Connections

There should be an electric outlet within 1 meter (3 feet) of your central vacuum unit. Once the appliance is installed in a suitable location, connect your central unit to an electric outlet on an ***dedicated* grounded circuit.*** Do not use extension cords or modify the length of your vacuum cleaner's power cord.

DEDICATED* GROUNDED CIRCUIT

- **North America**
  120V / 240V All models : 15A

- **European continent and other**
  220V / 240V Model DL200SV : 10A
  220V /240V All other models : 8A

Your central vacuum cleaner has a thermal safety device or a circuit breaker to protect against any over voltage or electrical defect. If that protection should fail, contact your authorized service center.

*Please reserve a circuit breaker dedicated only to the connections for your central vacuum.

If you find that installing your vacuum cleaner is too difficult, ask your service center to install it for you. When in doubt, it is better to have the work done by a professional and ensure that the unit is properly installed. Any installation that does not comply with the specified norms could alter or invalidate the warranty.

Grounding Instructions

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. No adaptor should be used with this appliance.

WARNING

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet; have a proper outlet installed by a qualified electrician.

120V MODELS

This appliance is for use on a nominal 120V circuit, and has a grounded plug **(figure 4)**. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adaptor should be used with this appliance.

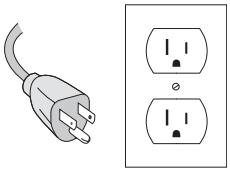
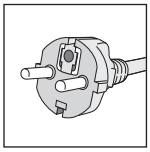


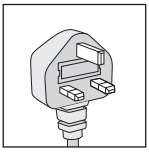
figure 4

220V/240V MODELS

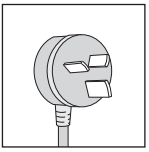
This appliance is for use on a circuit having a nominal rating more than 120V and is factory-equipped with a specific cord and plug to permit connection to a proper electric circuit. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adaptor should be used with this appliance. If the appliance must be reconnected for use on a different type of electric circuit, the reconnections should be made by a qualified service personnel.



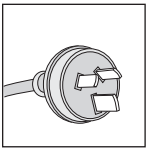
Type C



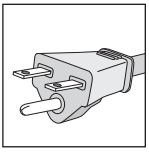
Type G



Type H



Type I



Nema 6-15 R

Low Voltage Connections

Connect the low voltage wires to the low voltage inlet on your unit. To do so, simply strip wires over 0,5 cm (¼"), remove the terminals from the low voltage inlet on the unit, and proceed according to the types of inlet and wire used.

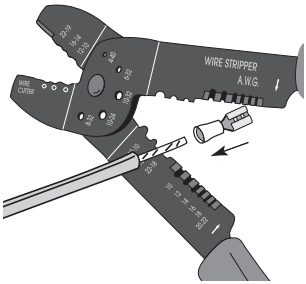


figure 5

STANDARD LOW VOLTAGE INLET (figure 6)

All types of wire:

Twist the stranded wire to tighten the loose strands together before proceeding. Insert the wire into the terminal (blue connector). Using your wire strippers, tighten the terminal at two places: at the front, to hold the wire in place, and at the back to tighten the insulator around the wire **(figure 5)**. If the insulator does not completely cover the stripped wire, use electrical tape to insulate the wire adquately, and prevent all contact between the 2 wires. Insert the terminal into the low voltage inlet **(figure 6)**.

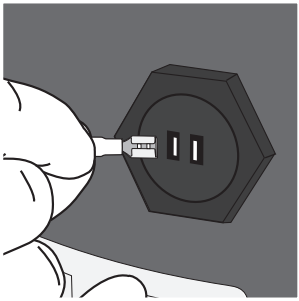


figure 6

To disconnect:

Do not pull on wire. Simply remove the terminal from the low voltage inlet.

Installing the Remote Monitor

(Optional – GX series only)

Having determined the location of both the central vacuum unit and the Remote System Monitor, run low voltage wiring to connect the Monitor to the central vacuum power unit.

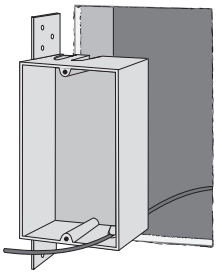


figure 11

Installing the Remote Monitor

1. Insert the low voltage wire into the mounting box through one of the designated openings, and fasten within the wall at the determined location **(figure 11)**.

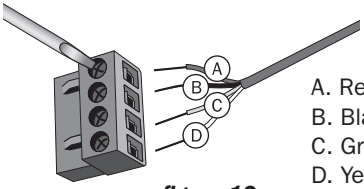
2. Having stripped the exterior casing of the four-stranded wire, strip 0,5 cm (¼") of each color wire.

3. Connect wires to the module connector. Insert each of the 4 color wires in the corresponding color-coded inlet on the connector. To do so, loosen the screw on the side of each inlet, insert the wire, and tighten screw to ensure a tight connection. Repeat for each of the remaining 3 wires **(figure 12)**.

4. Insert the connector to the electronic module and ensure it holds in place **(figure 13)**.

5. Screw the electronic module to the mounting box, with the two screws provided **(figure 14)**.

6. Complete with the "Decora" finishing plate.



A. Red
B. Black
C. Green
D. Yellow

figure 12

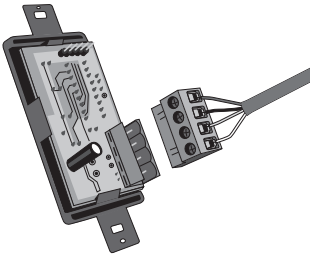


figure 13

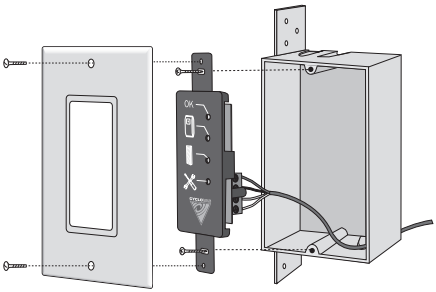


figure 14

Connections on the Vacuum Power Unit

1. Having stripped the exterior casing of the four-stranded wire, strip 0,5 cm (¼") of each color wire.

2. Connect wires to the power unit connector. Insert each wire in the designated inlet, of the corresponding color. To do so, simply open the connector, insert the wire, and close **(figure 15)**. Repeat for the remaining 3 wires.

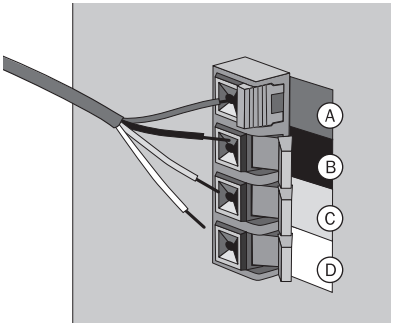


figure 15

A. Red
B. Black
C. Green
D. Yellow

Hose Hook-up & Inlets

Before operating your central vacuum…

Please verify that your central vacuum is properly connected to the piping system, and to a grounded electrical outlet, and that the low voltage wires are connected to the unit (see pages 8 to 16). Then read the complete owner's manual and proceed with a quick verification of your unit's installation :

- Check bag and filter to be sure they are properly installed and not damaged.
- Check rubber seals in each vacuum inlet.
- Plug the hose alternatively into each vacuum inlet, to ensure that each one works properly.
- While the hose is still plugged into one inlet and the system is operational, check other inlets for leaks.

To start your central vacuum, simply insert the hose in the vacuum inlet of your choice. Please ensure that the tab on the hose end is properly lined up with the slot in the inlet opening **(figure 16)**. If your hose handle has an integrated on/off switch, simply slide the switch to the "on" position.

Do not try to open another inlet while your system is in operation, as it may damage the inlet's rubber seal.

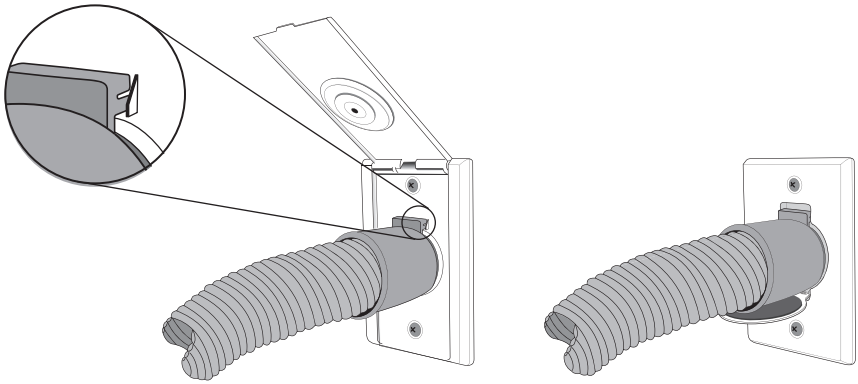


figure 16

Oval dusting brush

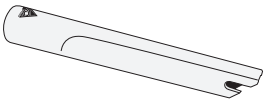
Use just about anywhere : on lamps & lamp shades, blinds, shelves, decorative trims

Upholstery Brush

With removable bristles, use to clean all upholstered furniture such as sofas, chairs, and mattresses.

Crevice tool

Use in narrow spaces, nooks and crannies, such as heating ducts, between sofa cushions, and between window panes.

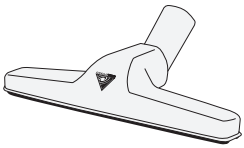


Floor Brush

For use on all types of flooring : hardwood, ceramic or even small carpets or rugs.

Carpet Brush (optional)

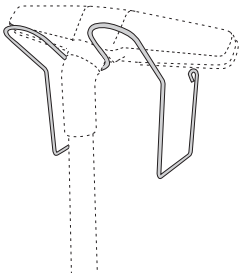
Specially designed for small carpets and area rugs, it cleans down deep.



Cyclo Vac Attachments

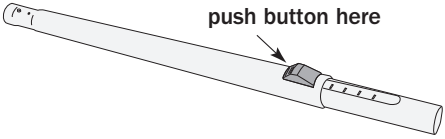
Hose Holder

In addition to conveniently holding your hose, it's specially designed to allow the storage of your floor brush on the telescopic wand, without crushing the brush bristles.



Telescopic Wand

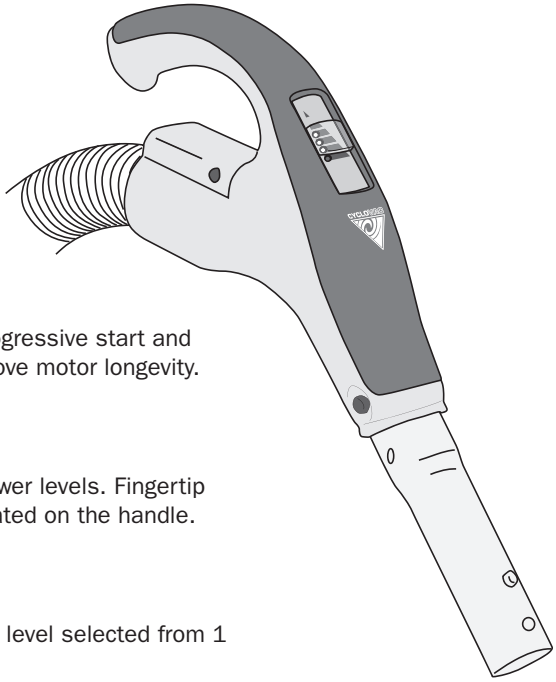
It's easily adjusted to the desired height. Simply depress the button, slide the wand to the desired length, and release the button for it to lock into position. Convenient button-lock mechanisms prevent the wand from slipping off the hose handle.



Attachment holder

Made of durable vinyl, it conveniently holds all your accessories. Hang it on your hose holder, to keep all accessories at hand.

The light emitting diodes on the Speed Variation hose will signal, by flashing, that it is time to check the Integrated System Monitor or the Remote Monitor installed in your home. They do not indicate a problem with the vacuum system, and will not hinder or stop the use of the vacuum power unit.



CYCLO START

Unit equipped with a progressive start and delayed shut-off to improve motor longevity.

CYCLO SPEED

Allows selection of 4 power levels. Fingertip control conveniently located on the handle.

CYCLO LED

LEDs indicate the power level selected from 1 to 4.

CYCLO ALERT

Bilinking LEDs refer you to the unit for status. It may be time to change the bag or the unit may need preventive maintenance (see page 23 for more details).

WARNING

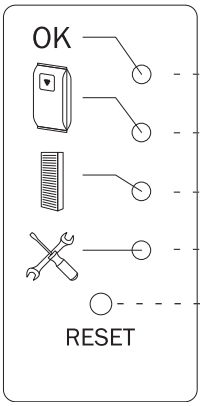
The use of an “SV” hose with a vacuum unit ***other than that of the CycloVac GX series*** will cause irreversible damage to your hose which would not be covered by the warranty.

Integrated System Monitor

(GX series only)

Your central vacuum unit is equipped with an electronic timing device which will recommend by a series of light emitting diodes (LEDs) proper maintenance of your vacuum system. These signals are only suggestions and will do not indicate a problem with your vacuum system. They will not stop or hinder the use of the vacuum.

When you initially plug in your vacuum, the LEDs will signal “OK”. Then, according to the number of hours the system has been use the LEDs will suggest the proper preventive maintenance.



OK, system is operational

Change the bag

Change the carbon dust filter

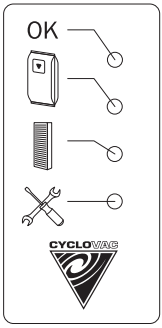
Have the vacuum power unit inspected by an authorized service center

RESET – press to stop flashing diodes and reset the electronic timing device.

Remote System Monitor

(Optional – GX series only)

Installed in a strategic location in your home, it provides the same information as the Integrated System Monitor. Once you have reset the electronic timing device (on the unit itself), the remote monitor will once again signal “OK”.



Progressive Start and Delayed Stop

(GX series only)

Each GX model is equipped with a special module allowing for a smooth and gradual start-up of the vacuum system, to prolong motor durability. It will also come to a complete stop within a few seconds after it has been turned off, to allow for the complete evacuation of dust from the conduit system.

Automatic Stop

(GX series only)

In case you've forgotten it or it's been turned on by mistake, your vacuum system will automatically stop after 30 minutes of uninterrupted use. Simply restart the vacuum system with the switch on the hose handle.

Motor

Please note that **Cyclo Vac motors do not require lubrication**. Each motor contains two carbon brushes which will wear normally, and may eventually require replacement. For warranty purposes, this should be done by an authorized service center. Brush life is affected by the number of hours used, frequency of start-ups and shut-downs, humidity, altitude, and temperature. In order to avoid damage to the motor itself, brushes should be replaced before they are completely worn out. We therefore recommend that you have your unit and motors inspected by a service center every 5-6 years.

Electrostatic Bag

Change the bag when the one in place is full. Frequency will depend on use of the unit. For the GX series,the integrated monitor will indicate when to change the bag. These indications are provided by an electronic timing board, only as a reference guide.

1. To access the bag, unlatch the two clips and remove the dust receptacle **(figure 17)**.

2. Remove the used bag and seal bag opening (adhesive seal provided on each bag). Discard used bag.

3. Install the new bag, ensuring the tabs on the bag adaptor are aligned with the slots in the bag collar **(figure 18)**.

4. Ensure adequate sealing by inserting bag as far as the retention ring.

5. Replace dust receptacle and seal by latching both clips.

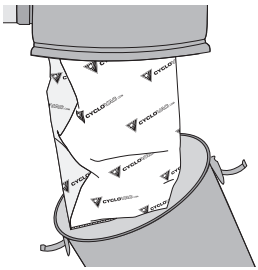


figure 17

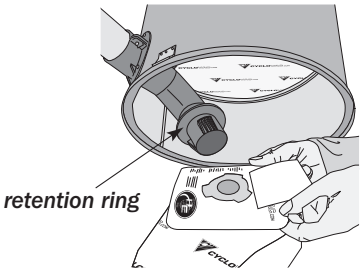


figure 18

Use only genuine Cyclo Vac replacement bags. Failure to do so could void the warranty on your vacuum unit.

Carbon Dust Filter (Patent pending)

We recommend changing this filter after three bag replacements. For the GX series, the integrated monitor will indicate when to change the filter. These indications are provided by an electronic timing board, only as a reference guide.

To do so:

1. Unlatch the opening on the carbon filter case and gently flip it upward **(figure 19)**.
2. Remove the used filter, and discard **(figure 20)**.
3. Insert the new filter. When doing so, please ensure that the arrow printed on the filter itself points outwards. **(figure21)**.
4. Close casing opening, and latch.

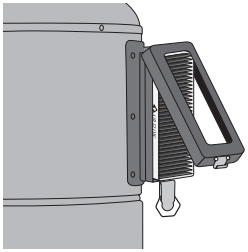


figure 19

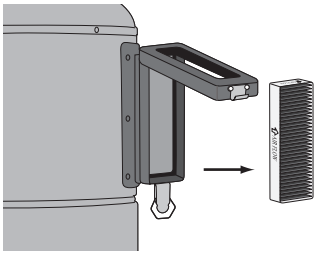


figure 20

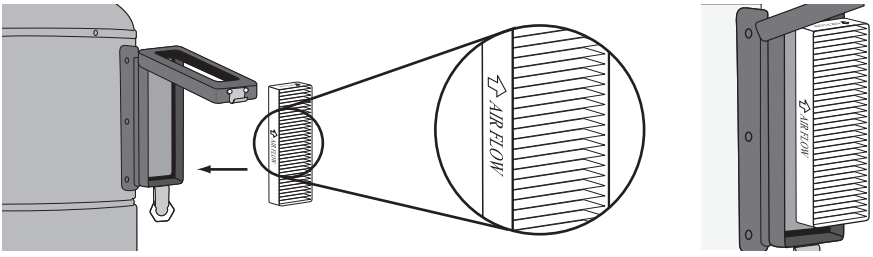


figure 21

Ultra-Fresh* Permanent Filter

This drum-shaped filter requires no maintenance. It will be checked by the service center when you have the vacuum power unit inspected, after approximately 500 hours of use (around 10 years, depending on use).

* Ultra-Fresh is a trademark of Thomson Research Associates

General Information

If the vacuum unit does not work, check the fuse or breaker on the unit and/or in the electrical panel in your home, and replace any defective part(s) as deemed necessary. Please verify that the unit has been installed properly, according to the instructions in this manual.

Your vacuum cleaning system is designed to collect everyday dry matter (dust). It is approved by authorized testing agencies for dry use only. Do not use on wet surfaces.

Should you accidentally vacuum liquids, immediately unplug the unit from the electric outlet, then empty and wipe the dust recipient with a dry cloth. Then operate the system from the vacuum inlet through which you vacuumed the liquid, in order to eliminate all moisture in the piping system.

We strongly recommend against vacuuming abrasive materials such as cement, plaster and gyproc dust. This fine dust could work its way into the motor, causing considerable damage. Should you do so inadvertently, immediately clean the filters and, as a precautionary measure, contact your authorized service center to determine the extent of the damage to the unit.

Remember that in order for your warranty to remain valid, maintenance of the motor and repairs to the unit itself must be carried out by an authorized service center, using original CycloVac or Trovac parts.

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Decrease in suction strength	Dirt recipient / Bag is full	Change bag. (see page 24)
	Dirt recipient is not properly attached	Check clamps holding dirt recipient, to make sure they are tight, and dirt recipient is aligned.
	Open vacuum inlet	Close all vacuum inlets not in use.
	Exhaust line is clogged	Verify that no object is blocking the exhaust.
	Blocked hose	Plug the handle end of the hose into the suction inlet, thus reversing the suction in the hose. Cover the gap around the handle, to ensure suitable suction strength, and ensure contact with inlet contacts to start the unit. This should clear the hose

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Decrease in suction strength (cont.)	Obstruction in the piping system	Remove the screw from the air intake connector, to free the central vacuum unit from the piping system (see figure 3 on page 8). Start the unit by plugging the hose into a vacuum inlet. By placing your extended hand over the air intake opening on the unit, check the suction strength on the unit itself. If suction strength is normal, the obstruction is in the piping system. If suction strength is diminished or completely absent, have the unit checked by an authorized service center.

If none of these suggestions restore suction strength, contact your authorized service center.

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Vacuum will not start	The electrical power is not connected properly	Ensure that the power cord is plugged into a dedicated grounded electrical outlet, according to specifications on pages 13 and 14.
	Low voltage wire not connected properly	Verify the low voltage wires, make sure they are properly inserted into the low voltage inlet, as per instructions on pages 15.
	Faulty vacuum inlet	Start the vacuum unit from other inlets in your home, to identify the defective inlet.
	Unit circuit breaker is off	Press the reset button to reset the unit circuit breaker. If unit restarts and automatically shuts off shortly after, contact an authorized service center.
	In-house circuit breaker is off	Reset the circuit breaker in your electrical panel. Verify that your central vacuum unit is connected on a dedicated grounded circuit (see pages 13 and 14).
	Defective on/off hose	Turn the hose ¼ turn in the vacuum inlet. If unit starts, have the vacuum hose checked by a certified service center.

Troubleshooting

Problem	Possible cause	Corrective action
Vacuum will not stop	Hose improperly inserted into vacuum inlet	Ensure that the hose end is properly placed in the vacuum inlet: the tab on the hose should fit into the slots on the inlet, to ensure adequate contacts for the hose switch to function (see page 18).
	Defective on/off hose	If the hose is properly placed in the vacuum inlet, and the unit continues running despite the fact that the hose switch is in the “off” position, have the hose checked by a service center.
	Low voltage wire not connected properly	While vacuum is on, unplug low voltage wires from unit. If vacuum stops, there’s a faulty low voltage wire. Contact your installer or authorized service center.

LIMITED LIFETIME WARRANTY

Your Cyclo Vac vacuum system is protected by a lifetime warranty. We guarantee that the unit canister will be exempt of any material or manufacturing defect. This warranty is valid from the date of purchase, for as long as you are the original owner, and the system remains at its original place of installation.

The motors and electrical components of both E and DL series are entirely guaranteed for a period of 5 years. As for our DL series, in addition to the 5 year warranty, the motors and electrical components are guaranteed at 50% for an additional 5 year period. Our authorized service center will repair or replace (at Cyclo Vac's discretion) the defective part or parts, free of labor costs, for a period of 5 years. For the DL series, labor costs are covered at 50% for an additionnal 5 years.

Cyclo Vac Warranty
Motors and Electrical Components

MODEL	YEAR	PARTS	LABOR
GS Series	1 to 5	100%	100%
GX Series	1 to 5 6 to 10	100% 50%	100% 50%

In order to maintain your warranty, all repairs must be made by an authorized Cyclo Vac service center, with original Cyclo Vac or Trovac parts. Failure to do so could void the warranty.

This warranty excludes normal wear and tear of certain parts such as filters, damages caused (according to Cyclo Vac) by abusive use (ex. : drywall dust, water, etc.), commercial use, the lack of appropriate maintenance, inadequate installation, negligence, natural disasters, accidents, and acts of God.

ONE YEAR SATISFACTION GUARANTEE

We are certain you'll be completely satisfied with your Cyclo Vac central vacuum system. For one year following the date of purchase, if the performance of the vacuum unit does not meet your expectations, return it to your local Cyclo Vac service center for a complete refund or credit towards the purchase of a more powerful Cyclo Vac model. This warranty applies only to the vacuum power unit.

Warranty Information

THREE YEAR WARRANTY ON CYCLOVAC RECOMMENDED* ATTACHMENTS

All CycloVac recommended attachments* are guaranteed for three years, subject to certain conditions. If during this three year period, an accessory presents a manufacturing defect, return it to the nearest authorized CycloVac service center along with a copy of your invoice (clearly indicating the attachments purchased), and we will repair or replace the part according to the conditions of the warranty. This warranty does not cover normal wear and tear of components such as : belts, brushes, rollers and their components, nor abusive use. It is valid only for normal domestic use.

*Your CycloVac recommended attachments are clearly identified by a CycloVac logo. Any other attachment, even if purchased at a CycloVac sales center at the same time as your power unit, is not covered by the 3 year CycloVac warranty.

This warranty is valid for domestic use only. This warranty is not a modification but an addition to warranties required by law. ***Any claim relative to this warranty must be accompanied by the original invoice.*** Any changes or modifications made to the product may invalidate this warranty. Transportation and service calls are excluded . This warranty is non transferable.

Keep all payment records (bill of sale, delivery slip). The date on these records establishes the warranty period. Should warranty service be required, you must show proof of purchase. If proof of purchase cannot be supplied, the warranty period will be determined from the date of manufacture of the product.

CycloVac shall not be held responsible for any consequential, incidental, or special damages arising from the use of this central vacuum.

Important Environmental Information – European Economic Area only

This appliance has been assessed in accordance with the European Parliament Directive on Waste Electrical and Electronic Equipment, usually referred to as the WEEE Directive.

The WEEE Directive requires that the appliance be disposed of at the end of its useful life in an environmentally responsible manner. Parts and materials should be re-used or re-cycled in order that the use of new resources and amount of waste going for landfill can be minimised.

The WEEE Directive stipulates that the supplier should collect the used item without cost to you. Please inform the supplier of your wish to have the old appliance collected when ordering the replacement.

If you wish to dispose of the appliance yourself, do not mix it with unsorted municipal waste. The crossed-out wheeled bin symbol on the unit label **(figure 22)** indicates this requirement. You must ensure that the appliance is disposed of at an authorised treatment facility. Details can be obtained from your local council.

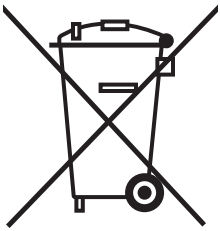


figure 22

CYCLOVAC

WWW.CYCLOVAC.COM

Head Office / Siège social / Oficina Central

CANADA

3, rue Marcel-Ayotte
Blainville (Québec) J7C 5L7

Tel. : (450) 434-2233 · Fax : (450) 434-6111

info@trovac.com
1 888 77CYCLO

Distribution Centers / Centres de distribution / Centros de distribución

CANADA

19578, 55A Avenue
Surrey, BC V3S 8P8

(604) 514-7005
1 800 665-2500

USA

3873 Airport Way
Bellingham WA 98226

1 800 665-2500

USA

5460, Florin Perkins Road
Sacramento CA 95826

1 800 325-3434
1 916 361-7491

EUROPE

16, rue du Stade
44170 Treffieux

Tel. : + 33 (0) 2 40 51 44 60 · Fax : + 33 (0) 2 40 51 42 24

europe@trovac.com
N° vert: 0800 800 393

TRIPLE FILTRATION
Ultra-Fresh

3123039

IMPM0080-AU07

PRINTED IN CANADA • IMPRIMÉ AU CANADA • IMPRESO EN CANADÁ